



MERENKULKUHALITUKSEN TIEDOTUSLEHTI

15.12.1988

Helsinki

No 14/88

LIFE-SAVING APPLIANCES APPROVED BY THE NATIONAL BOARD OF NAVIGATION

The list below contains equipment and material approved by the National Board of Navigation by June 15th 1988.

This Circular supersedes Circular No. 6/80, dated May 7th 1980.

Note: A separate list containing fire protection appliances and materials has been published in Circular No. 11/76.

Head of the Maritime Department
Maritime Counsellor

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Inspector of Navigation

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C O N T E N T S

Batteries for liferaft inner lighting	Page	3
Buoyancy aids	Page	22
Buoyant apparatus	Page	4
Buoyancy material	Page	26
Buoyant smoke signals	Page	2
Davits	Page	18
Daylight signalling lamps	Page	13
Food supplies for lifeboats and liferafts	Page	14
Hand flares	Page	1
Hydrostatic release units	Page	4
Inflatable rubber boats	Page	10
Lifeboat and liferaft hooks	Page	13
Lifeboat covers	Page	19
Lifeboat motors	Page	14
Lifeboats	Page	16
Lifeboat search lights	Page	14
Lifebuoy lights	Page	2
Lifebuoys	Page	6
Lifebuoy smoke signals	Page	2
Lifejacket lights	Page	2
Lifejackets	Page	10
Lifejackets for recreational use	Page	19
Liferaft release hooks	Page	10
Liferafts	Page	7
Liferaft water bottles	Page	14
Line-throwing appliances	Page	1

Machine instruction printers	Page	19
Pilot ladders	Page	14
Rescue boats	Page	16
Rescue boats/lifeboats	Page	16
Retro-reflective tape	Page	4
Rigid liferafts	Page	10
Rocket parachute flares	Page	1
Safety lamps	Page	15
Ship boats	Page	18
Signal pistols	Page	15
Survival suits	Page	12
Thermal protective aids	Page	13
Whistles for lifebuoys	Page	26

N.B. Type-approval decisions of the National Board of Navigation are issued for max. five years at a time. After that the manufacturer should apply for a new type-approval. If the importer or manufacturer does not send in a new application in time, the appliance will be excluded from the next circular.

A type-approved appliance or equipment, which has already been bought to the ship may be used as long as it is fit for use, if provisions do not prescribe otherwise.

Date of expiry: ----- means that the appliance or equipment concerned is approved until further notice.

APPROVED LIFE-SAVING APPLIANCES

IMPORTER/MANUFACTURER	APPROVED/ KD	DATE OF EXPIRY
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DISTRESS SIGNALS

LINE-THROWING APPLIANCES:

Line-throwing appliance Kongsbergs Rednings- gevär M/52	Eivind Koch A/S, Norway	30-04-1954	-----
		KD 1096/53/301	
Line-throwing appliance Art.No.1104	Farsons Ky/Comet GmbH	09-12-1986	12-91
		KD 2999/86/305.1	
Line-throwing appliance Ikaros-Line	Oy Maritim Ab/Norabel S	23-07-1986	07-91
		KD 1496A/86/305.1	
Line-throwing appliance Speedline 250	Rymaco Oy/Pains-Wessex	25-07-1986	07-91
		KD 1391/86/305.1	

ROCKET PARACHUTE FLARES:

Rocket parachute flare Art.No.1232	Farsons Ky/Comet GmbH	09-12-1986	12-91
		KD 2999/86/305.1	
Rocket parachute flare IKAROS 3401	Oy Maritim Ab/Norabel S	23-07-1986	07-91
		KD 1496A/86/305.1	
Rocket parachute flare Para Red MK III	Rymaco Oy/Pains-Wessex	25-07-1986	07-91
		KD 1391/86/305.1	

HAND FLARES:

Hand flare Art.No.1328	Farsons Ky/Comet GmbH	09-12-1986	12-91
		KD 2999/86/305.1	
Hand flare Polar MK 2	Oy Maritim Ab/Norabel S	23-07-1986	07-91
		KD 1496A/86/305.1	
Hand flare MK VI	Rymaco Oy/Pains-Wessex	25-07-1986	07-91
		KD 1391/86/305.1	

IMPORTER/MANUFACTURER	APPROVED/ KD	DATE OF EXPIRY
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BUOYANT SMOKE
SIGNALS:

Buoyant smoke signal Art.No.1320	Farsons Ky/Comet GmbH	09-12-1986 12-91 KD 2999/86/305.1
Buoyant smoke signal No.3421	Oy Maritim Ab/Norabel S	23-07-1986 07-91 KD 1496A/86/305.1
Buoyant smoke signal MK III	Rymaco Oy/Pains-Wessex	25-07-1986 07-91 KD 1391/86/305.1
Smoke signal device Buoy smoke	Rymaco Oy/Pains-Wessex	25-07-1986 07-91 KD 1391/86/305.1

LIFEBUOY
SMOKE SIGNALS:

Lifebuoy smoke signal No.3452	Oy Maritim Ab/Norabel S	23-07-1986 07-91 KD 1496A/86/305.1
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LIFEJACKET LIGHTS:

Lifelight light Type RS 05	Farsons Ky/Paul Merten	02-03-1987 03-92 KD 430/87/305.1
Lifelight light Type L8S	Rymaco Oy/McMurdo Ltd	03-04-1986 04-91 KD 403/86/305.1
Lifelight light Jaklite-3	Rymaco Oy/ACR Electronic	26-02-1986 02-91 KD 565/85/305.1
Lifelight light SK-01A	RO-METALSERVIS, Yugoslavia For newbuildings 356 and 357 only	19-11-1987 ----- KD 2508/87/305.1

LIFEBUOY LIGHTS:

Lifebuoy light L 41 B	Rymaco Oy/McMurdo Ltd	03-03-1987 03-92 KD 164/87/305.1
Self-igniting light and smoke signal for lifebuoy (Man-overboard)	Rymaco Oy/Pains-Wessex	25-07-1986 07-91 KD 1391/86/305.1
Self-igniting light and smoke signal for lifebuoy (Man-overboard) Art.No.1215	Farsons Ky/Comet GmbH	02-03-1978 ----- KD 690/78/301

	IMPORTER/MANUFACTURER	APPROVED/ KD	DATE OF EXPIRY
Lifebuoy light ASTRA	Rymaco Oy/The McMurdo, England	22-12-1977 KD 3108/77/301	-----
Lifebuoy light BT 6121 and BT 6171	Oy Maritim Ab/Denmark	12-01-1987 KD 2920/86/305.1	01-92
Lifebuoy light Art.No.1202	Farsons Ky/Comet GmbH	12-11-1980 KD 2978/80/301	-----
Lifebuoy light Type Tron 3F	Alftan Ab/A/S Jotron Elektronik	10-09-1979	-----
Self-igniting light and smoke signal for lifebuoy (Man-overboard) Art.No.1215	Farsons Ky/Comet GmbH	09-12-1986 KD 2999/86/305.1	12-91
Self-igniting light and smoke signal for lifebuoy (Man-overboard) Art.No.01.305 Z	Oy Maritim Ab/Carl Flem- ming GmbH, West Germany	19-08-1987 KD 1563/87/305.1	08-92
Lifebuoy light Art.No.1205	Farsons Ky/Comet GmbH	09-12-1986 KD 2999/86/305.1	12-91
Lifebuoy light Art.No.01.105 ZA MS	Oy Maritim Ab/Carl Flem- ming GmbH, West Germany	19-08-1987 KD 1563/87/305.1	08-92
Lifebuoy light SIGNA-FLASH	Napco Finland Oy/Canada	30-03-1982 KD 176/82/305.1	-----
Lifebuoy light L-41	Oy Rymaco Ab/McMurdo Ltd	13-05-1969 KD 1225/69/301	-----
Lifebuoy light L-40	Oy Rymaco Ab/McMurdo Ltd	13-12-1968 KD 3077/68/301	-----
Lifebuoy light Sea-Light	Oy Rymaco Ab/Pains-Wessex Ltd, England	09-08-1967 KD 2421/67/301	-----
Lifebuoy light Mark 11	Oy Interco Ab/Alexander- Schwimwell & Co	25-03-1955 KD 793/55/301	-----
Lifebuoy light TSI BLINK 437	Oy Hellesens Ab/Transis- tor Signal Industrier	24-03-1975 KD 1225/75/301	-----

BATTERIES FOR LIFERAFT
INNER LIGHTING:

RFD Power unit D 15361-001-0	RFD Limited, England	31-10-1983 KD 2907/83/3051	10-88
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	IMPORTER/MANUFACTURER	APPROVED/ KD	DATE OF EXPIRY
Viking Type 302/1	A/S Nordisk Gummibåds-fabrik, Denmark	24-11-1981 KD 658/81/301	-----

HYDROSTATIC
RELEASE UNITS:

Hydrostatic release unit DK 84	Structor Oy/Thanner & Co	24-10-1986 KD 294/86/305.1	10-91
Hydrostatic release unit HAMMAR H 20	Oy Maritim Ab/C.M. Hammar S	28-04-1986 KD 342/86/305.1	04-91

RETRO-REFLECTIVE TAPE:

Retro-reflective tape AP-1000	Erikoisheijastin Oy/ U.S.A.	09-03-1987 KD 377/87/305.1	03-92
Retro-reflective tape Scotchlite 2290	Suomen 3M Oy/U.S.A.	23-08-1977	-----
Scotchlite 3290	-----"	KD 2550/77/301	
Scotchlite 5290			
Scotchlite 3110			
Scotchlite 6710			
Retro-reflective tape USL 501	Heijaste Oy/Unitica Sparklite Ltd, Japan	08-02-1977 KD 442/77/301	-----
Retro-reflective tape Toshiba 320	Heijaste Oy/Japan	22-06-1976 KD 2426/76/301	-----

BUOYANT APPARATUS:

Buoyant apparatus PUR 10,15 and 20	PU-Rakenne Oy/Tampere	13-03-1987 KD 640/87/305.1	03-92
Buoyant apparatus SB-10	Oy Maritim Ab/ SvanteBoats Kb	02-03-1987 KD 3560/83/305.1	03-92
Buoyant apparatus SB-6	Oy Maritim Ab/ SvanteBoats Kb	02-01-1984 KD 3560/83/305.1	01-89
Buoyant apparatus FANTTI (Separate approval for each vessel)	Toivo Rahja/Aluminium A/S	18-07-1986	-----
Buoyant apparatus Petra I (Separate approval for each vessel)	Veli Palvainen/the same	16-07-1986 KD 1637/86/305.1	-----
Buoyant apparatus Artekno 13 (Separate approval for each vessel)	Veijo Sonkamuoika	21-08-1985 KD 2360/86/305.1	-----
Buoyant apparatus TOM-LAUTTA (Separate approval for each vessel)	Tom Granmark	22-08-1985 KD 2236/85/305.1	-----

	IMPORTER/MANUFACTURER	APPROVED/ KD	DATE OF EXPIRY
Buoyant apparatus SCANVIK	Runar Österlund/Structor (M/s Amiraali only)	22-01-1985 KD 3322/84/305.1	-----
Buoyant apparatus JYSKY 15	Ilves Laivat Oy (M/s Suvetar only)	10-06-1981 KD 1632/81/301	-----
Buoyant apparatus Kalla-14	Kallan Matkailu Ky	30-11-1984 KD 3234/84/305.1	11-89
Buoyant apparatus PEPSI 6	Aake Martikainen (M/s Pepsi only)	25-05-1982 KD 1604/82/305.1	-----
Buoyant apparatus SOFA-LIFE 10	Sofa Oy	15-08-1978 KD 2834/78/301	-----
Buoyant apparatus 12 and 20 SCANVIK	Structor Oy/Nordisk Gummibådsfabrik, Denmark	10-04-1981	-----
Buoyant apparatus EVA 12	Anders Andersson (M/s Emma only)	03-11-1980 KD 3266/80/301	-----
Buoyant apparatus VIRELAUTTA 15	Esko Piispa	02-06-1980 KD 1585/80/301	-----
Buoyant apparatus GRETA 20	Stefan Svaetichin	15-02-1979 KD 4566/78/301	-----
Buoyant apparatus LINNA 22	Veneveistämö A.Niskanen	02-08-1977 KD 2393/77/301	-----
Buoyant apparatus E-G PELASTAJA-78 8	Enso - Gutzeit Oy	19-05-1978 KD 1425/78/301	-----
Buoyant apparatus E-G PELASTAJA-20 20	Enso - Gutzeit Oy	27-05-1976 KD 1617/76/301	-----
Buoyant apparatus RIMITO 20	Lasikuitutyö Virtanen Oy	19/05/1978 KD 2610/77/301	-----
Buoyant apparatus VIRTUS 16 and 19	Saimaan Trippimatkat Oy	06-07-1977 KD 2646/77/301	-----
Buoyant apparatus TIKO 20	Veneveistämö A.Niskanen	02-08-1977 KD 2393/77/301	-----
Buoyant apparatus TIMPPA 15	Veneveistämö A.Niskanen	02-08-1977 KD 2393/77/301	-----
Buoyant apparatus VILIAM 18	Reino Lehtinen	01-02-1977 KD 291/77/301	-----
Buoyant apparatus TIIRA 14	Tampereen Laivamatka- palvelu	03-06-1977 KD 1411/77/301	-----
Buoyant apparatus KOSKI 5	Taivalkosken Vene- veistämö	03-06-1977 KD 1045/77/301	-----

	IMPORTER/MANUFACTURER	APPROVED/ KD	DATE OF EXPIRY
Buoyant apparatus LOKKI 12	Tampereen Laivamatka- palvelu	03-06-1977 KD 1411/77/301	-----
Buoyant apparatus BELIN 4,6 and 10	Maskin Imports Ab/ Soliso, France	09-12-1976 KD 4123/76/301	-----
Buoyant apparatus SAIMAA LAUTTA 22	Savon Saukot Ry	26-08-1976 KD 2688/76/301	-----
Buoyant apparatus 12,16,22,25 and 27 KEIJO LAUTTA	Keijo Partanen	22-06-1976 KD 2166/76/301	-----
Buoyant apparatus MARINA 16	Pohjois-Karjalan Keskusammattikoulu	04-05-1976 KD 863/76/301	-----
Buoyant apparatus ERRY-LAUTTA 16	Eriste-Virtaset/ Virtanen & CO	05-02-1976 KD 4775/75/301	-----
Buoyant apparatus SALTER 14 and 20	Rymaco Oy/Salter Ltd	23-09-1975 KD 3122/75/301	-----
Buoyant apparatus GLAFI 6,12,16, 20 and 22	Oy Structor Ab/Einar Elvrøn Teknisk Bedrift A/S, Norway	06-05-1971 KD 493/70/301	-----
Buoyant apparatus MARINAL 12	Oy Maritim Ab/ Aanensen & Co, Norway	28-04-1967 KD 1437/67/301	-----
Buoyant apparatus K 20	Turun Veneveistämö	28-04-1967 KD 1351/67/301	-----
Buoyant apparatus K 16	Turun Veneveistämö	28-04-1967 KD 955/67/301	-----
Buoyant apparatus AR 66-10 and AR 66-20	Artekno Oy	16-08-1966 KD 2263/66/301	-----
Buoyant apparatus LIBRA 20	Oy Per G. Thömts Ab/ Libra Plast, Norway	13-05-1966 KD 1304/66/301	-----
Buoyant apparatus MERMAN 20	Karhumyynti Oy/Maritime Plastic Co, Denmark	16-05-1961 KD 1092/61/301	-----
Buoyant apparatus BELIN K.1 6,10,16,20	Henrik Dahlman & Co/ Soliso, France	16-05-1961 KD 2249/59/301	-----
Buoyant apparatus SALAR 5	Voitto Kari (in inshore traffic and on fishing vessels)	06-11-1987 KD 178/155/442/87	11-92

LIFEBUOYS:

Lifebuoy PL-1/ 2.5 kg	Plastopor Oy	25-02-1986 KD 2497/84/305.1	02-91
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	IMPORTER/MANUFACTURER	APPROVED/ KD	DATE OF EXPIRY
Lifebuoy N75 2.5 kg N85 2.5 kg	Jotekno Ky	01-03-1985 KD 251/85/305.1	03-90
Lifebuoy SCANMARIN A-45174/81	Bakelitfabriken A/S, Norway	20-11-1981 KD 2918/81/301	-----
<u>LIFERAFTS:</u>			
Liferaft 4,6,8,10,12,16, 20 and 25 DK and 12,16,20 and 25 DKF	Structor Oy/Nordisk- Gummibådsfabrik A/S (DK = jettisoned) (DKF= davit-launched)	16-01-1987 KD 1815/86/305.1	01-92
Liferaft 6,8,10,12,16,20 and 25 K and 20 and 25 KF 12 and 16 KF	Structor Oy/Nordisk- Gummibådsfabrik A/S (K = jettisoned) (KF= davit-launched) -----"	19-06-1975 KD 1821/75/301 KD 2003/78/301	-----
Liferaft NF-25	Structor Oy/Nordisk- Gummibådsfabrik A/S	07-10-1969 KD2653/69/301	-----
Liferaft 6,8,10,12,15,16, 20 and 25 LR 86 and 12,15,16,20 and 25 LR 86 L	Deutsche Schlauchboot- fabrik Hans Scheibert GmbH & Co Kg (LR 86= jettisoned) (LR 86 L= davit-launched)	08-10-1986 KD 1265/86/305.1	10-91
Liferaft 6,8,10,12,15,20 and 25 MM and 20 and 25 MC	Aseko Oy/Autoflug GmbH (MM= jettisoned) (MC= davit-launched)	28-03-1978	-----
Liferaft PETREL 2000 5, ALK 2000 6, and TEAL 2000 8	Aseko Oy/Autoflug GmbH	18-06-1980 KD 164/80/301	-----
Liferaft 6,8,10,12,16, 20 and 25 Surviva and 12,16,20 and 25 DL	Oy Maritim Ab/RFD Ltd (DL= davit-launched)	14-04-1986 KD 519/86/305.1	04-91
Liferaft 4/5,6/7 and 8/9 ATLANTIC	Oy Maritim Ab/ Ballonfabrik GmbH (in inshore traffic and on fishing vessels)	02-10-1986 KD 1464/86/305.1	10-91

	IMPORTER/MANUFACTURER	APPROVED/ KD	DATE OF EXPIRY
Liferaft 4/5,6/7 and 8/9 PACIFIC	Oy Maritim Ab/Ballon- fabrik GmbH (in inshore traffic and on fishing vessels)	21-10-1987 KD 827/87/305.1	10-92
Liferaft 5,7 and 9 SP 400 P or SP 401 P	Oy Maritim Ab/ Ballonfabrik GmbH (in inshore traffic and on fishing vessels)	17-01-1984 KD 3724/83/305.1	01-89
Liferaft 6,8,10,12,15,20 and 25 MM Mark 6	Oy Maritim Ab/ R.F.D. Company Ltd	05-12-1979 KD 1303/79/301	-----
Liferaft 6 ME	Oy Maritim Ab/ R.F.D. & Co Ltd	29-06-1978 KD 2541/78/301	-----
Liferaft 25 MA	Oy Maritim Ab/R.F.D & Ltd (inshore traffic only)	10-03-1977 KD 854/77/301	-----
Liferaft for 8 persons	Oy Maritim Ab/R.F.D & Co Ltd (fishing vessels only)	06-11-1964 KD 2047/64/301	-----
Liferaft 4,6,8,10 and 12FM and 4,6,8,10,12,15,20 and 25MM	Oy Maritim Ab/R.F.D & Co Ltd	18-12-1959 KD 748/59/301	-----
Liferaft MC MK 1 for 20 and 25 persons	Oy Maritim Ab/R.F.D. & Co Ltd (davit-launched)	03-12-1963 KD 3087/63/301	-----
Liferaft 4,6 and 8 UK	Structor Oy/Nordisk Gummibådsfabrik A/S (coastal and inshore)	12-10-1981 KD 2383/81/301	-----
Liferaft 6DSL 8DSL 10DSL 12DSL 16DSL 20DSL and 25DSL and 20F and 25F DSL	Paavo W Pirilä Ky/Deutsche Schlauchbootfabrik GmbH (F= davit-launched)	26-04-1982 KD 3484/81/301	-----
Liferaft Seiner(4),Cutter(6) Yawl(8),Trawler(10) Drifter(12),Schooner(15), Freighter(20) and Merchantman(25)	Rymaco Oy/Elliot/R.F.D.& Co Ltd, England	06-10-1961 KD 2285/61/301	-----
Liferaft Seabel(5)	Rymaco Oy/Elliot/R.F.D & Co Ltd, England (fishing vessels only)	27-04-1962 KD 931/62/301	-----

	IMPORTER/MANUFACTURER	APPROVED/ KD	DATE OF EXPIRY
Liferaft 6,8,10,12,16,20 and 25 RBM and 20 QM	Rymaco Oy/Beaufort Air- Sea Equipment Ltd	22-04-1981	----- KD 1753/80/301
Liferaft 25 X	Rymaco Oy/Beaufort Air- Sea Equipment Ltd	25-04-1972	----- KD 1364/72/301
Liferaft 4 (not on internatio- nal voyages) 6,8,10,12,16, 20 and 25 RB	Farsons Ky/Beaufort Air- Sea Equipment Ltd	07-12-1976	----- KD 4286/76/301
Liferaft 25 Q	Farsons Ky/Beaufort Air- Sea Equipment Ltd	19-12-1973	----- KD 4014/73/301
Liferaft 4,6 and 8 RB/UK	Farsons Ky/Beaufort Air- Sea Equipment Ltd	29-08-1979	----- KD 956/79/301
Liferaft 4,6 and 8 Type 6 M YACHTMASTER	Interco Oy/Dunlop Ltd	27-09-1977	----- KD 3315/77/301
Liferaft Seafarer-Type 3 4,6,10,12,15,20 and 25	Interco Oy/Dunlop Ltd (4 = fishing vessels only)	09-08-1971	----- KD 2285/71/301
Liferaft Seafarer-Type 4 8	Interco Oy/Dunlop Ltd	09-08-1971	-----
Liferaft Seafarer-MK 4 for 6,8,10,12,15,20 and 25 persons	Interco Oy/Dunlop Ltd	04-11-1987	11-92 KD 704/87/305.1
Liferaft Seafarer-MK 4 DL for 12,15,20 and 25 persons	Interco Oy/Dunlop Ltd	04-11-1987	11-92 KD 704/87/305.1
Liferaft Type 4M 4,6 and 8	Oy Interco Ab/Dunlop Ltd, England	01-08-1972	----- KD 2286/71/301
Liferaft Seafarer 25	Interco Oy/Dunlop Ltd (davit-launched)	09-08-1971	----- KD 916/70/301
Liferaft Seamaster MK2 for 4 persons	Interco Oy/Dunlop Ltd (fishing vessels)	23-10-1962	----- KD 3258/62/301
Liferaft Seamaster MK 3M for 6 persons	Interco Oy/Dunlop Ltd	14-04-1967	----- KD 928/67/301

	IMPORTER/MANUFACTURER	APPROVED/ KD	DATE OF EXPIRY
Liferaft AVON 4,6 and 8	Maritim Ab/Avon Inflat- ables Ltd	30-12-1976 KD 4374/76/301	-----
Viking Marine Escape System	Oy Structor Ab/Nordisk Gummibådsfabrik, Denmark	18-11-1987 KD 222/87/305.1	11-92

RIGID LIFERAFTS:

Rigid liferaft 6,10,15 and 20 DAUPHIN	Maskin Import Oy/Soliso	13-05-1976 KD 1699/76/301	-----
Rigid liferaft Belin RS 2 for 10,14, 17 and 20 persons	Henrik Dahlman, Mariehamn	25-06-1968 KD 1579/68/301	-----
Rigid liferaft Belin RK 2 for 6,10 and 17 persons	Soliso, France/ Henrik Dahlman & Co	15-05-1961 KD 2249/59/301	-----
Rigid liferaft Floating Igloo for 6,10,14,15,20 and 22 persons	Rymaco Oy/Valter Tangen A/S, Norway	16-11-1965 KD 1472/65/301	-----

LIFERAFT RELEASE HOOKS:

Atlas Mark II	Oy Interco/William Mills Ltd, England	04-08-1967 KD 1978/67/301	-----
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INFLATABLE
RUBBER BOATS:

B.O.T.I-Searover for 6 and 9 persons	Interco Oy/Dunlop Ltd	09-08-1971 KD 2284/71/301	-----
S-MA 2 and S-MA 3 for fishing vessels	Paavo W Pirilä Ky	10.01.1964 KD 3143/63/301	-----

LIFEJACKETS:

Lifejacket Type A2 and Type AXI	Greben Vela Luka, Yugoslavia Newbuilding 356/357(SF-Line)	05-08-1987 KD 1673/87/302	08-92
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	IMPORTER/MANUFACTURER	APPROVED/ KD	DATE OF EXPIRY
Lifejacket RT-84 and RT-45	Rymaco Oy	31-12-1984 KD 2038/84/305.1	12-89
Lifejacket RT-88 and RT-48	Rymaco Oy	10-03-1988 HD 507/88	03-93
Lifejacket RT-63P	Rymaco Oy	29-01-1963 KD 339/63/301	-----
Lifejacket Seepiltz	Agentur Neumann/Paul Merten, West Germany	22-07-1968 KD 1580/68/301	-----
Lifejacket Hart-Imco	Paaavo.W.Pirilä Ky/ England	29-03-1972 KD 3851/71/301	-----
Lifejacket PKM/71	Pohjois-Karjalan Meri- pelastusyhdistys	06-05-1971 KD 829/69/3	-----
Lifejacket Seamaster	Neotrade Oy/Brödrene Sunde A/S	20-05-1969 KD 3551/68/301	-----
Lifejacket Vedette 48	Compitour des Lieger, France	25-03-1969 KD 238/67/301	-----
Lifejacket Ulvex 2090	Ulvsunda Gummifabriks AB	19-08-1966 KD 1510/192/66	-----
Lifejacket Ulvex 880	Ulvsunda Gummifabriks AB	21-04-1964 KD 1407/64/301	-----
Lifejacket MERMAN VIII	Hispano-Finlandesa Oy/ Maritime Plastic Co A/S	10-06-1966 KD 3122/65/301	-----
Lifejacket RT-30 and RT-30P	Rymaco Oy	26-11-1965 KD 3166/65/301	-----
Lifejacket PP-12 PP-10	Plastopor Oy	11-01-1966 KD 3518/65/301 KD 4538/64/301	-----
Lifejacket IGLOO	Bera Oy/Walter Tangen A/S	02-07-1965 KD 1961/65/301	-----
Lifejacket HL/60	Oy Maritim Ab	22-10-1965 KD 2948/65/301	-----
Lifejacket Secumar 17	Tele-Air Oy Ltd	02-07-1965 KD 2047/65/301	-----
Lifejacket Bergens Lifejacket Bergens Lifesaver	Structor Oy/Bergens Meis og Ryggsekk A/S	31-08-1965 KD 2116/65/301	-----

	IMPORTER/MANUFACTURER	APPROVED/ KD	DATE OF EXPIRY
Lifejacket RT-20	Rymaco Oy	17-03-1964 KD 960/63/301	-----
Lifejacket RT-20P	Rymaco Oy	17-03-1964 KD 960/64/301	-----
Lifejacket Saropor 63	Artekno Oy	29-01-1963 KD 336/63/301	-----
Lifejacket RT-63 P and RT-63	Rymaco Oy	29-01-1963 KD 339/63/301 KD 338/63/301	-----
Lifejacket HL-85 and HL-85 L	Oy Maritim Ab	17-12-1985 KD 1940/85/305.1	12-90
Lifejacket MERMAN XII 50-2 and 51-2.	Maritime Plastic A/S	28-05-1982 KD 814/82/305.1	-----
Lifejacket Triumf 4-1969 and Triumf Cruiser 1969	A/S Christiansens Liv- beltfabrik, Norway	19-06-1975 KD 1959/75/301	-----
Lifejacket Kon-Tiki for adults and children	Provag Oy/Brødrene Sunde A/S, Norway	19-06-1975 KD 2144/75/301	-----
Lifejacket BOA D-54-17	Achilles Sourander/ France	14-01-1966 KD 3158/65/301	-----
Lifejacket BOA D.54-13	Achilles Sourander/ France	11-03-1966 KD 715/66/301	-----
Lifejacket PRSLUK-A/IV	Ålandsfärjan Ab (separate approval for each vessel)	(05-04-1966 KD 2498/65/301	-----

SURVIVAL SUITS:

Survival suit E-305-2/and E-305-4 (14.04.1987)	Maritim Ab/Helly Hansen A/S	03-03-1987 KD 2795/86/305.1	03-92
Musk Ox Survival suit 5002	Structor Oy/Nordisk Gum- mibådsfabrik, Denmark	03-03-1987 KD 2703/86/305.1	03-92
Survival suit SEASTEP	Liitin Oy/S.I.D.E.P.	20-01-1987 KD 2589/86/305.1	01-92

	IMPORTER/MANUFACTURER	APPROVED/ KD	DATE OF EXPIRY
Survival suit 5001 and Rescue suit 5003	Ursuk Oy	26-03-1985 KD 785/85/305.1	03-90
Survival suit URSUIT 5020	Ursuk Oy	25-05-1987 KD 970/87/305.1	05-92
Survival suit 8380	Rukka Oy	02-10-1986 KD 2452/86/305.1	10-91
Rescue suit 8381	Rukka Oy	27-03-1987 KD 760/87/305.1	03-92
Survival suit 804 L and 806 L	Tarpo Ky	04-06-1986 KD 1446/86/305.1	06-91
Survival suit STEARNs ISS 590 (A)	Rymaco Oy/Stearns, U.S.A.	14-11-1986 KD 936/86/305.1	11-91
Survival suit FCO Aqua Sur- vival Suit MK.84	Finn Chr.Olsen & Son A/S, Norway	25-05-1988 KD 405/351/88	05-93

THERMAL PROTECTIVE AIDS:

Thermal protective aid ASCOTHERM IMO 86	Oy Maritim Ab/ Ascon-Kemi AB	25-08-1986 KD 1406/86/305.1	08-91
Thermal protective aid TYRO-3	Tyroprodukter Ab/Witreco	21-03-1986 KD 810/86/305.	03-91
Thermal protective aid GRP-87	Turun Markiisi ja Peite Oy	05-10-1987 KD 2133/87/305.1	10-92

DAYLIGHT SIGNALLING LAMPS:

Daylight signalling lamp SIG 57-5	Nife Varamatic Ab/ Sab Nife, Sweden	08-05-1984 KD 1410/83/305	05-89
Daylight signalling lamp Aldis Longrange	Oy Maritim Ab (Hjelt & Lindgren)	16-09-1955 KD 2112/55/301	-----

LIFEBOAT AND
LIFERAFT HOOKS:

Lifting hook multipurpose on-load/off-load	Fiskars Oy	21-11-1985 KD	11-90
Liferaft hook Cranston-Eagle	Cranston Ky	11-07-1984 KD 1461/84/305	-----

IMPORTER/MANUFACTURER

APPROVED/
KDDATE OF
EXPIRYLIFERAFT
WATER BOTTLES:

Drinking water bottle	Transaktor Int.Kb/	14-11-1986	11-91
for liferafts	MP Water Ltd		
Brickteiner 500 ml (R)		KD 1195/86/305.1	

PILOT LADDERS:

Pilot ladder	Liitin Oy/	01-03-1985	03-90
LL 955	Norse Aluminium A/S		
		KD 3005/84/305.1	

Pilot ladder	Peiteneulomo Tarpaulin/	02-06-1970	-----
PT 70 T	the same	KD 1892/70/301	

Pilot ladder	Hispano Finlandesa/	09-12-1975	-----
	Aluminio Earle S.A.	KD 3339/75/301	

LIFEBOAT MOTORS:

Lifeboat motor	Maskino Ky/ILO Werke	05-03-1968	-----
ILO DL 660 and	GmbH, West Germany		
ILO DL 425		KD 27/68/301	

Lifeboat motor	Vaasan Moottori Oy	09-01-1968	-----
Wickström DR2		KD 3748/67	

Lifeboat motor	Damsgård Motorfabrik,	20-11-1959	-----
Sabb typ G	Norway	KD 2735/59/301	

LIFEBOAT SEARCH
LIGHTS:

Lifeboat search	Akkumulatorindustri Ab	21-03-1967	-----
light		KD 117/67/301	

UVL and UML			
Hand torch	Elwe Oy/Brinkmann Corp.	23-03-1981	-----
Q-Beam Big Max;	Dallas, U.S.A.		
Q-Beam Super Spot			
and Q-Beam Spot/Flood		KD 725/80/301	

FOOD SUPPLIES FOR LIFEBOATS
AND LIFERAFTS:

Lifeboat food	Compact A/S, Norway	28-11-1978	-----
supplies Seven Oceans		KD 4202/78/301	
All-in-one			

	IMPORTER/MANUFACTURER	APPROVED/ KD	DATE OF EXPIRY
Lifeboat food supplies Verkade Red Tin	Leonard & Kni.Oy/Konink- lijke Verkade, Holland	12-04-1966 KD 940/66/301	-----
Lifeboat food supplies Verkade Blue	Rymaco Oy/Koninklijke, Holland	22-12-1977 KD 4477/77/301	-----

SIGNAL PISTOLS:

Signal pistol	Paavo W Pirilä Ky/ F.Feistel K.G. (only in accordance with the Finnish Reg. on Life- saving Appliances on Ships, 1987)	22-05-1975 KD 1414/75/301	-----
Signal pistol Art.No.1226 (parachute rocket)	Farsons Ky/Comet GmbH (only in accordance with the Finnish Reg. on Life- saving Appliances on Ships, 1987)	25-05-1987 KD 1105/87/305.1	-----
Signal pistol Olin 25 mm (parachute rocket)	Comline Oy/Olin Corpo- ration Signal Products (only in accordance with the Finnish Reg. on Life- saving Appliances on Ships, 1987)	20-04-1988 KD 190/88/305.1	-----

SAFETY LAMPS:

Safety lamp Bright Star type 2317 and type 2324	Rymaco Oy/Bright Star Industriers Inc., U.S.A.	07-01-1975 KD 2889/73/301	-----
Safety lamp Dominit HE 120	Syberg & Syberg A/S, Norway	01-10-1970 KD 2808/70/301	-----
Safety lamp CEAG 4 p	Ab Marin Power Oy/ CEAG Ltd, England	17-01-1961 KD 3798/60/301	-----
Safety lamp CEAG UNIVERSAL SAFETY	Ab Marin Power Oy/ CEAG Ltd, England	17-01-1961 KD 3798/60/301	-----
Safety lamp TORCH	Ab Marin Power Oy/ CEAG Ltd, England	24-04-1959 KD 3148/58/301	-----

IMPORTER/MANUFACTURER	APPROVED/ KD	DATE OF EXPIRY
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RESCUE BOATS/LIFE BOATS:

Lifeboat type 372 for 6/28 persons	Waterman Oy (Fiskars Ab) (rescue/lifeboat)	23-06-1988	06-93
		KD 1907/83/305.1	
Lifeboat type 363 for 6/20 persons	Waterman Oy (Fiskars Ab) (rescue/lifeboat)	23-06-1988	06-93
		KD 275/85/305.1	

RESCUE BOATS:

Rescue boat type 376 for 10 persons	Waterman Oy (Fiskars Ab)	23-06-1988	06-93
		KD 1559/85/305.1	
Rescue boat type 364 for 7 persons	Waterman Oy (Fiskars Ab) (rescue boat of class II)	23-06-1988	06-93
		KD 3594/85/305.1	

LIFEBOATS:

Lifeboat type 379 for 90 persons	Waterman Oy (Fiskars Ab)	23-06-1988	06-93
		KD 1258/86/305.1	
Lifeboat type 378 for 92 persons	Waterman Oy (Fiskars Ab)	23-06-1988	06-93
		KD 2847/85/305.1	
Lifeboat type 361 for 150 persons	Waterman Oy (Fiskars Ab)	23-06-1988	05-93
		KD 52/81/301	
Lifeboat type 351 for 58 persons	Waterman Oy (Fiskars Ab)	23-06-1988	06-93
		KD 1647/77/301	
Lifeboat type 377 for 30 persons	Waterman Oy (Fiskars Ab)	23-06-1988	06-93
		KD 1557/85/305.1	
Lifeboat type 374 for 56 persons	Waterman Oy (Fiskars Ab)	23-06-1988	06-93
		KD 1766/84/305.1	
Lifeboat type 375 for 22 persons	Waterman Oy (Fiskars Ab)	23-06-1988	06-93
		KD 275/86/305.1	
Lifeboat type 371 for 82 persons	Waterman Oy (Fiskars Ab)	23-06-1988	06-93
		KD 1258/86/305.1	

	IMPORTER/MANUFACTURER	APPROVED/ KD	DATE OF EXPIRY
Lifeboat type 366 for 72 persons	Waterman Oy (Fiskars Ab)	23-06-1988 KD 1258/86/305.1	06-93
Lifeboat type 386 for 102 persons	Waterman Oy (Fiskars Ab)	23-06-1988 KD 275/86/305.1	06-93
Lifeboat type 382 for 101 persons	Waterman Oy (Fiskars Ab)	23-06-1988 KD 1258/86/305.1	06-93
Lifeboat type 368 for 15 persons	Waterman Oy (Fiskars Ab)	23-06-1988 KD 1258/86/305.1	06-93
Lifeboat type 369 for 42 persons	Waterman Oy (Fiskars Ab)	23-06-1988 KD 1558/85/305.1	06-93
Lifeboat type 322 for 40 persons	Waterman Oy (Fiskars Ab)	09-11-1976 KD 892/76/301	-----
Lifeboat type 361 for 150 persons	Waterman Oy (Fiskars Ab)	16-03-1981 KD 52/81/301	-----
Lifeboat type 351 for 58 persons	Waterman Oy (Fiskars Ab)	28-03-1978 KD 1647/77/301	-----
Lifeboat type 321 for 40 persons	Waterman Oy (Fiskars Ab)	09-11-1981 KD 3554/76/301	-----
Lifeboat type 329 for 65 persons	Waterman Oy (Fiskars Ab)	09-11-1976 KD 4632/76/301	-----
Lifeboat type 343 for 102 persons	Waterman Oy (Fiskars Ab)	09-11-1976 KD 2406/76/301	-----
Lifeboat type 339 for 50 persons	Waterman Oy (Fiskars Ab)	23-10-1975 KD 3340/75/301	-----
Lifeboat type 49/R and 47/M	Sotrather Iberia S.A, Spain	22-04-1975 KD 2788/74/301	-----

IMPORTER/MANUFACTURER	APPROVED/ KD	DATE OF EXPIRY
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Lifeboat
type 320
for 25 persons

Waterman Oy (Fiskars Ab) 23-06-1988 -----
KD 4496/78/301

Lifeboat
type 324
for 76 persons

Waterman Oy (Fiskars Ab) 23-06-1988 -----
KD 4496/78/301

Lifeboat
type 355
for 10 persons

Waterman Oy (Fiskars Ab) 23-06-1988 -----
KD 4496/78/301

Lifeboat
type 360
for 18 persons

Waterman Oy (Fiskars Ab) 23-06-1988 -----
KD 4496/78/301

SHIP BOATS:

Ship boat
type 364
for 7 persons

Waterman Oy (Fiskars Ab) 10-04-1981 -----
KD 3434/80/301

DAVITS:

Schat Pivot
Gravity type SPG(L)
winch type BE 4.5

Schat-Davit Company
GmbH, West Germany
28-09-1987 09-92
KD 1857/86/305.1

Rescue Lifeboat
davit type D-269

Welin Lambie Ltd,
England
19-11-1986 11-91
KD 278/85/302

Schat Roller
Track Gravity
type GRA (5300 kg)
winch type BE 4.5

Schat-Davit Company
GmbH, West Germany
20-08-1987 08-92
KD 1673/86/302

Schat Roller
Track Gravity
type GRA (17950 kg)
winch type BE 10

Schat-Davit Company
GmbH, West Germany
20-08-1987 08-92
KD 1673/86/302

Schat Roller
Track Gravity
type GRA (12100 kg)
winch type BE 10

Schat-Davit Company
GmbH, West Germany
20-08-1987 08-92
KD 1673/86/302

Schat Single Arm
Slewing Davit
Liferaft Davit

Schat-Davit Company
GmbH, West Germany
09-12-1987 12-92
KD 1673/86/302

IMPORTER/MANUFACTURER

APPROVED/
KDDATE OF
EXPIRYMACHINE INSTRUCTION
PRINTERS:

Machine instruction printer Neman Recorder	Sähkölähteenmäki Oy	24-03-1975	-----
		KD 977/75/301	
Machine instruction printer Statronic	Statronic A/S, Norway	10-04-1975	-----
		KD 1480/75/301	
Machine instruction printer OSK-3-4, OVK-3, OSK-4, OVR-2	Svenska Ackumulator- aktiebolaget Jungner	14-02-1969	-----
		KD 1154/68/301	
Machine instruction printer Zander & Ingeström	Zander & Ingeström AB	24-02-1967	-----
		KD 800/67/301	
Machine instruction printer Burk	Fresta Oy/Wurttember- gische Uhrenfabrik	02-11-1965	-----
		KD 1627/65/301	

LIFEBOAT COVERS:

Lifeboat cover PVK - 66	Rymaco Oy/Tikkurilan Silkki	05-04-1966	-----
		KD 733/66/301	
Lifeboat cover FINSKT KAPELL	Peiteneulomo Tarpaulin	29-03-1966	-----
		KD 172/66/301	
Lifeboat cover SOLAS	Oy Flinkenberg & Co Ab	12-10-1965	-----
		KD 4612/64/301	
Lifeboat cover WG	Oy Interco Ab/W.Giertsen A/S, Norway	15-02-1966	-----
		KD 442/66/301	
Lifeboat cover material POLYPLAN	Oy Suomen Sattler Ab	27-08-1974	-----
		KD 1058/74/301	
Lifeboat cover material WALRAF TEXTILWERKE	Oy Waterman Ab	14-09-1965	-----
		KD 686/65/301	

LIFEJACKETS FOR RECREATIONAL USE:

Camaro Youngster Size: 10-20 kg 20-40 kg	Ky Celestial Kb	26-02-1986	02-91
		KD 327/86/305.1	
Camaro Youngster Max. size 15 kg	Ky Celestial Kb	18-04-1988	04-93
		815/351/88	
K-460 Mini Size: 3-15 kg	Oy Maritim Ab/Helly- Hansen A/S, Norway	14-09-1987	09-92
		KD 1577/87/305.1	

	IMPORTER/MANUFACTURER	APPROVED/ KD	DATE OF EXPIRY
K-582 Off-shore Size: 40-50 kg 50-60 kg 60-80 kg and over 80 kg	Oy Maritim Ab/Helly- Hansen A/S, Norway	04-05-1988	05-92
		KD 884/351/88	
K-975 Skipmate Size: 10-15 kg 15-20 kg 20-30 kg 30-40 kg 40-60 kg 60-80 kg and over 80 kg	Oy Maritim Ab/Helly- Hansen A/S, Norway	14-09-1987	09-92
		KD 1577/87/305.1	
K-993 Navigare Size: 10-15 kg 15-20 kg 20-30 kg 30-40 kg 40-60 kg 60-80 kg and over 80 kg	Oy Maritim Ab/Helly- Hansen A/S	14-09-1987	09-92
		KD 1577/87/305.1	
Flyer Sport Size: 10-20 kg 20-30 kg 30-40 kg 40-60 kg 60-80 kg and over 80 kg	Ab Berlix Oy	29-05-1984	05-89
		KD 926/84/305.1	
Ahti Size: 15-30 kg 30-40 kg 40-60 kg 60-80 kg and over 80 kg	Oy Rymaco Ab	02-04-1984	04-89
		KD 638/84/305.1	
Merinyl Sport Size: 10-20 kg 20-30 kg 30-40 kg 40-60 kg 60-80 kg and over 80 kg	Ab Berlix Oy	20-05-1980	-----
		KD	
Skipper 2 Size: 20-30 kg	Oy Rymaco Ab	06-04-1978	-----
		KD 790/78/301	

	IMPORTER/MANUFACTURER	APPROVED/ KD	DATE OF EXPIRY
Skipper 2 Safety Size: 40-60 kg 60-80 kg and over 80 kg	Oy Rymaco Ab	14-03-1978	-----
		KD 4610/77/301	
Skipper 2 Size: 30-40 kg 40-60 kg 60-80 kg and over 80 kg	Oy Rymaco Ab	04-01-1977	-----
		KD 4771/76/301	
Merinyl Soft Size: 20-30 kg 30-40 kg 40-60 kg 60-80 kg and over 80 kg	Oy Merinyl Ab (Berlix)	12-04-1977	-----
		KD 1522/77/301	
Merinyl Oy Size: 40-60 kg 60-80 kg and over 80 kg	Merinyl Ab (Berlix)	12-04-1977	-----
		KD 1522/77/301	
Sailor Size: 15-20 kg 20-30 kg 30-40 kg 40-60 kg 60-80 kg and over 80 kg	Oy Rukka Ab	03-12-1980	-----
		KD 3567/80/30	
Rukka Size: 15-20 kg 20-30 kg 30-40 kg 40-60 kg 60-80 kg and over 80 kg	Oy Rukka Ab	04-01-1977	-----
		KD 639/75/301	
Hamils-Lux Size: under 20 kg 20-40 kg 40-60 kg 60-80 kg and over 80 kg	Oy Lahden Nahka	24-01-1977	-----
		KD 1935/76/301	

IMPORTER/MANUFACTURER

APPROVED/
KDDATE OF
EXPIRYBUOYANCY AIDS:

Sea-Hamillon	Tampereen Koriosa Oy	03-08-1987	08-92
Size: 50-60 kg (Nos. 36,38)			
60-80 kg (Nos. 40,42)			
60-80 kg (Nos. 46,48,50 and 52)			
over 80 kg (Nos. 54,56,58 and 60)		KD 1558/87/305.1	
Sea-Hamillon	Lahden Nahka Oy	15-12-1983	12-88
Size: 50-60 kg (Nos. 36,38)			
60-80 kg (Nos. 40,42,44)			
60-80 kg (Nos. 46,48,50,52)			
and over 80 kg (Nos. 54,56,58)		KD 2487/82/305.1	
Hamillon	Lahden Nahka Oy	25-11-1977	-----
Size: 40-60 kg			
60-80 kg			
and over 80 kg		KD 4246/77/301	
Poliisi	Tukku-Tuote Oy	27-08-1986	08-91
Size: 60-80 kg			
and over 80 kg		KD 1945/86/305.1	
Smart	Oy Rukka Ab	02-03-1987	03-92
Size: 40-50 kg (6000)			
50-60 kg (6001)			
60-80 kg (6002)			
over 80 kg (6003,6004,6005)		KD 267/87/305.1	
Get On (6162)	Oy Rukka Ab	03-02-1982	-----
Size: 40-50 kg			
50-60 kg			
60-80 kg			
and over 80 kg		KD 1424/81/301	
Fun	Oy Rukka Ab	23-01-1986	01-91
Size: 40-50 kg (6061)			
50-60 kg (6062)			
60-80 kg (6063)			
over 80 kg (6064,6065)		KD 3599/85/305.1	
Free	Oy Rukka Ab	03-12-1980	-----
Size: 40-50 kg			
50-60 kg			
60-80 kg			
and over 80 kg		KD 3567/80/301	

	IMPORTER/MANUFACTURER	APPROVED/ KD	DATE OF EXPIRY
Free II	Oy Rukka Ab	23-01-1986	01-91
Size: 40-50 kg (6031)			
50-60 kg (6032)			
60-80 kg (6033)			
and over 80 kg (6034,6035)		KD 3599/85/305.1	
Windsurfer	Oy Rukka Ab	21-09-1981	-----
Size: 40-60 kg			
60-80 kg			
and over 80 kg		KD 1424/81/301	
Windsurfing (6151)	Oy Rukka Ab	03-02-1982	-----
Size: 40-60 kg			
60-80 kg			
and over 80 kg		KD 1424/81/301	
Windsurfing III	Oy Rukka Ab	23-01-1986	01-91
Size: 40-60 kg			
60-80 kg			
and over 80 kg		KD 3599/85/305.1	
Get On	Oy Rukka Ab	06-06-1983	06-88
Size: 40-50 kg (6180)			
50-60 kg (6181)			
60-80 kg (6182)			
and over 80 kg (6183,6184)		KD 424/83/305.1	
Kanot	Oy Rukka Ab	03-02-1982	-----
Size: 40-60 kg			
and over 60 kg		KD 1424/81/301	
Sport	Oy Rukka Ab	16-04-1980	-----
Size: 40-50 kg			
50-60 kg			
60-80 kg			
and over 80 kg		KD 4376/77/301	
Surf	Oy Rukka Ab	07-02-1978	-----
Size: 40-50 kg			
50-60 kg			
60-80 kg			
and over 80 kg		KD 4376/77/301	
Rukka Stripe	Oy Rukka Ab	16-04-1980	-----
Size: 40-50 kg			
50-60 kg			
60-80 kg			
and over 80 kg		KD	

	IMPORTER/MANUFACTURER	APPROVED/ KD	DATE OF EXPIRY
Rukka Size: 40-50 kg 50-60 kg 60-80 kg and over 80 kg	Oy Rukka Ab	28-04-1977	-----
		KD 1527/77/301	
Rukka Skipper Size: 40-50 kg (XS) 50-60 kg (S) Art.No. 6006 60-80 kg (M) over 80 kg (L) over 80 kg (XL) and over 80 kg (XXL) Art.No. 6007	Oy Rukka Ab	26-05-1988	05-93
		KD 1157/351/88	
Hokka Sailing Size: 40-50 kg (S) 50-60 kg (M) 60-80 kg (L) over 80 kg (XL) and (XXL)	Hokka Oy	31-10-1986	10-91
		KD 2438/86/305.1	
Hokka Fishing Size: 40-50 kg (S) 50-60 kg (M) 60-80 kg (L) over 80 kg (XL) and over 80 kg (XXL)	Hokka Oy	23-09-1987	09-92
		KD 1843/87/305.1	
Lake Hamillon Size: 40-60 kg (SN) 60-80 kg (MN) over 80 kg (LN) 40-60 kg (SM) 60-80 kg (MM) over 80 kg (LM) over 80 kg (XLM) SN= for ladies; SM= for men	Lahden Nahka Oy	19-08-1985	08-90
		KD 2215/85/305.1	
River-Hamillon Size: 40-80 kg and over 80 kg	Lahden Nahka Oy	06-06-1985	06-90
		KD 1645/85/305.1	
Almarine I Size: 40-60 kg (Nos.36,38,40,42,44 and 46) 60-80 kg (Nos.48,50 and 52) over 80 kg (Nos.54,56 and 58)	Top-Marine Oy	02-11-1984	11-89
		KD 3997/333/84	
Almarine Size: 40-60 kg (Nos.36,38) 60-80 kg (Nos.40, 42,44,50 and 52) over 80 kg (Nos.54,56,58 and 60)	Top-Marine Oy	13-09-1984	09-89
		KD 2367/84/305.1	

	IMPORTER/MANUFACTURER	APPROVED/ KD	DATE OF EXPIRY
Almarin Surf Size: 50-60 kg 60-80 kg and over 80 kg	Antti Luhtala Ky	02-02-1981	-----
		KD 3675/80/301	
Almarin R Size: 50-60 kg 60-80 kg and over 80 kg	Antti Luhtala Ky	10-09-1979	-----
		KD 485/79/301	
Al Marin Size: 50-60 kg and 60-80 kg for ladies 60-80 kg and over 80 kg for men	Antti Luhtala Ky	18-10-1977	-----
		KD 1848/77/301	
Camaro Sportline Size: 40-60 kg 60-80 kg and over 80 kg	Celestial Ky	09-04-1984	04-89
		KD 1181/84/305.1	
Kippari Size: 50-60 kg 60-80 kg and over 80 kg	Oy Rymaco Ab	29-04-1985	04-90
		KD 1348/85/305.1	
Olympia Size: 40-50 kg 50-60 kg 60-80 kg and over 80 kg	Oy Rymaco Ab	02-04-1984	04-89
		KD 638/84/305.1	
Racing Size: 40-50 kg 50-60 kg 60-80 kg and over 80 kg	Oy Rymaco Ab	20-05-1980	-----
		KD 1794/80/301	
Flyer Racing Size: 40-60 kg 60-80 kg and over 80 kg	Ab Berlix Oy	16-04-1984	04-89
		KD 926/84/305.1	
Rio Size: 40-60 kg 60-80 kg and over 80 kg	Ab Bennex Oy	18-01-1988	01-93
		KD 2949/87/305.1	
Mereily Racing Size: 50-60 kg 60-70 kg 70-80 kg 80-90 kg and 90-110 kg	Oy Mereily Ab	12-04-1977	-----
		KD 3247/76/301	

	IMPORTER/MANUFACTURER	APPROVED/ KD	DATE OF EXPIRY
Skipper D-270	Oy Maritim Ab/Helly Hansen A/S, Norway	14-09-1987	09-92
Size: 50-60 kg (XS) 60-80 kg (S) 60-80 kg (M) over 80 kg (L) and over 80 kg (XL)		KD 1655/87/305.1	
Commodore K-303	Oy Maritim Ab/Helly Hansen A/S, Norway	14-09-1987	09-92
Size: 40-50 kg, No.46 50-60 kg, Nos.48 and 50 60-80 kg, Nos.52 and 54 and over 80 kg, Nos.56 and 58		KD 1655/87/305.1	
Spinnaker K-420	Oy Maritim Ab/Helly Hansen A/S, Norway	14-09-1987	09-92
Size: 40-50 kg 50-60 kg 60-80 kg and over 80 kg		KD 1655/87/305.1	
Sport K-405	Oy Maritim Ab/Helly Hansen A/S, Norway	14-09-1987	09-92
Size: 40-50 kg 50-60 kg 60-80 kg and over 80 kg		KD 1655/87/305.1	
Paddler K958	Oy Maritim Ab/Helly Hansen A/S, Norway	14-09-1987	09-92
Size: 40-60 kg and 60-80 kg		KD 1655/87/305.1	
Sailor D-274	Oy Maritim Ab/Helly Hansen A/S, Norway	04-01-1988	01-93
Size: 50-60 kg 60-80 kg and over 80 kg		KD 2852/87/305.1	
<u>BUOYANCY MATERIAL:</u>			
Termolon 30	Oy Termonova HD 508/88	10-03-1988	03-93
<u>WHISTLES FOR LIFEBUOYS:</u>			
Whistle type The Acme City	Oy Maritim Ab	07-09-1962 KD 3076/62/301	-----

	IMPORTER/MANUFACTURER	APPROVED/ KD	DATE OF EXPIRY
Whistle type Seadog	Oy Rymaco Ab	03-05-1966 KD 1260/66/301	-----
Whistle type VP-7	Oy Plastopor Ab	13-05-1966 KD 1094/66/301	-----
Whistle type Perrywhistle	R.Perry & Company	30-08-1966 KD 2392/66/301	-----